

COVID 19 Membrane Protein (M) Coronavirus Recombinant Protein | COVID-19 recombinant protein

Membrane Protein (M) of SARS-CoV-2

CATALOG # AAA13707	HOST E Coli	APPLICATIONS Western Blot, ELISA
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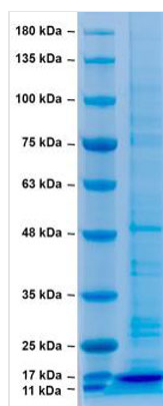
PRODUCT SYNONYMS

COVID 19 Membrane Protein (M) Coronavirus; Membrane Protein (M) of SARS-CoV-2; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Envelope Protein (M); COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>=95% (SDS-PAGE)
Concentration	1ug/ul in PBS (varies by lot)
Sequence	RLFARTRSMW SFNPETNILL NVPLHGTLT RPLLESELVI GAVILRGHLR IAGHHLGRC D IKDLPKEITV ATSRTLSTYYK LGASQRVAGD SGFAAYSRYR IGNYKLNTDH SSSSDNIALL VQ
Applicable Applications for COVID-19 recombinant protein	WB (Western Blot), ELISA, Antigen
Source	Recombinant membrane protein of SARS-CoV-2 expressed and purified from E Coli
Endotoxin	<1 EU per 1ug of the protein by LAL test
Viral Protein	N-terminal his-tag M protein (amino acid 101-222) of human SARS-CoV-2 (GeneBank No. QHD43419), Mw, ~15kDa.
Preparation and Storage	Store at -20 degree C Stable for 6-months from the date of shipment when kept at 4 degree C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE: purified recombinant M protein of SARS-CoV-2

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	Recombinant M protein (SARS-CoV-2)purified from E Coli. Introduction: The novel corona virus (SARS-CoV-2), previously called 2019-nCoV, is a newly identified corona virus causing the ongoing outbreak of atypical pneumonia in Wuhan China from late 2019. The genome of SARS-CoV-2 has 89% nucleotide identity with bat SARS-like-CoVZXC21 and 82% with that of human SARS-CoV. The phylogenetic trees of their orf1a/b, Spike, Envelope, Membrane and Nucleocapsid protein also clustered closely with those of the bat, civet and human SARS corona viruses. However, the external subdomain of Spike's receptor binding domain (RCB) of SARS-CoV-2 shares only 40% amino acid identity with other SARS-related corona viruses.
Product Categories/Family for COVID-19 recombinant protein	Viral Recombinant Proteins; Corona virus

NCBI AND UNIPROT INFORMATION

Molecular Weight	~15kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/covid-19-membrane-protein-m-coronavirus-recombinant-protein-e-coli-wb-western-blot-elisa-antigen/13707>